

# Coherent® FieldMaxII-TOP Laser Power and Energy Meter 1098580

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Sensor sold separately

Stock **#66-277 6 In Stock**

⊖ 1 ⊕ **SS\$2,569<sup>00</sup>**

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**General**

1098580	<b>Model Number:</b>
Power and Energy	<b>Type:</b>
±2	<b>Display Accuracy (%):</b>
±1.0	<b>Calibration Uncertainty (%):</b>
	<b>Note:</b>

Max. Repetition Rate: 300Hz  
Coherent® [Thermopile Power Sensors](#), [Position Sensing Thermopile Power Sensors](#), [Laser Energy Sensors](#), or [High Sensitivity Sensors](#) Sold Separately

## Physical & Mechanical Properties

200.00 **Length (mm):**

100.00 **Width (mm):**

1.0 **Weight (kg):**

40 **Depth (mm):**

## Optical Properties

0.1% Full Scale **Resolution:**

## Electrical

0 to 1, 2, or 5 V (Selectable) **Analog Output:**

10 **Power Sampling Rate (Hz):**

## Hardware & Interface Connectivity

100-240 V AC, 50/60 Hz OR Rechargeable NiMH Battery Pack **Power Supply:**

USB **Computer Interface:**

## Environmental & Durability Factors

+5 to +40 **Operating Temperature (°C):**

-20 to +70 **Storage Temperature (°C):**

## Regulatory Compliance

[Compliant](#) **RoHS 2015:**

[View](#) **Certificate of Conformance:**

## Product Details

- Coherent® [Thermopile Power Sensors](#), [Position Sensing Thermopile Sensors](#), [Laser Energy Sensors](#), or [High Sensitivity Sensors](#) Sold Separately
- FieldMate Used to Measure Laser Power
- FieldMaxI Used to Measure Laser Power and Energy
- ISO 17025 Certified

Coherent® Laser Power and Energy Meters are designed to accurately measure and help tune the power or energy of continuous wave and pulsed lasers. The FieldMate, which features an analog needle with a large LCD display, is compatible with thermopile or optical sensors and is an economical solution for measuring laser power when advanced data analysis is not necessary. The FieldMaxI utilizes a large, backlit LCD screen and features a USB interface for computer connectivity. Coherent® Laser Power and Energy Meters feature FieldMaxI-TO, which is compatible with thermopile or optical sensors, while the FieldMaxI-TOP is compatible with thermopile, optical, or pyroelectric sensors. The LabMax is an all-in-one solution for measuring laser power or energy and is ideal for applications requiring advanced data analysis. The LabMax-TOP is compatible with thermopile, optical, or pyroelectric sensors. The LabMaxPro is the most advanced power and energy meter and is compatible with thermopile, optical, and pyroelectric sensors, as well as the PowerMaxPro high speed sensor technology. The LabMaxPro can provide advanced analysis up to 625kHz.